

## **CLAIM AMENDMENTS**

Claims 1-30 (Canceled).

Claims 31-33 (Canceled)

Claim 34 (CURRENTLY AMENDED). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

- a first electrode adapted to be attached to said patient;

- a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

- a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition; [and]

- a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

- a self-test and diagnostic circuit adapted to run tests on said external defibrillator to determine if said external defibrillator is operational;

wherein said detector circuit is adapted to detect intrinsic cardiac signals and said controller is adapted to automatically generate said command in synchronism with said intrinsic cardiac signals.

Claim 35 (Original). The external defibrillator of claim 34 further comprising a second electrode attached to said patient and being coupled to said pulse generator to deliver said therapeutic pulses to the patient's heart

Claim 36 (Original)). The external defibrillator of claim 34 wherein said first electrode is coupled to said pulse generator to deliver said therapeutic pulses to the patient's heart.

Claim 37 (Currently Amended). The external defibrillator of claim 34 further comprising a sensor circuit coupled to said first electrode to sense intrinsic cardiac signals, said sensor circuit being adapted to transmit said intrinsic cardiac signals to said detector circuit.

Claim 38 (Canceled).

Claim 39 (Cancelled).

Claim 40 (Original). The external defibrillator of claim 34 wherein said detector circuit is adapted to monitor the heart automatically and continuously after said electrode is attached to said patient.

Claim 41 (Currently Amended). The external defibrillator of claim [34] 47 further comprising an inhibit switch which may be operated by the patient or an attendant, and wherein said controller is adapted to delay said command if said inhibit switch has been activated to protect said patient from undesirable therapeutic pulses.

Claim 42 (Original). The external defibrillator of claim 34 further comprising a communication module, said controller being adapted to send a message automatically to a remote location through said communication module when said life threatening condition is detected, said message indicating one of the occurrence and detection of said condition and the patient's location.

Claim 43 (Original). The external defibrillator of claim 34 further comprising a data logging memory for logging information descriptive of said life threatening condition and the therapy delivered to revert said life threatening condition.

Claim 44 (Original). The external defibrillator of claim 34 further comprising a display, wherein said controller is adapted to provide on said display at least one of an instruction for the operation of the defibrillator and information indicative of a condition of the patient.

Claim 45 (Original). The external defibrillator of claim 34 wherein said controller defines a manual mode of operation, where the operator has the full control in delivering

therapy.

Claim 46 (Canceled).

Claim 47 (Previously Presented). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

- a first electrode adapted to be attached to said patient;

- a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

- a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition; and

- a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied;

- wherein said detector circuit is adapted to detect intrinsic cardiac signals and said controller is adapted to automatically generate said command in synchronism with said intrinsic cardiac signals.

Claim 48 (Previously Presented). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

- a first electrode adapted to be attached to said patient;

- a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

- a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition;

- a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

- an inhibit switch which may be operated by the patient or an attendant, and wherein said controller is adapted to delay said command if said inhibit switch has been activated to protect said patient from undesirable therapeutic pulses.

Claim 49 (Previously Presented). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life

threatening cardiac condition, said external defibrillator comprising:

- a first electrode adapted to be attached to said patient;

- a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

- a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition; and

- a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

- a communication module, said controller being adapted to send a message automatically to a remote location through said communication module when said life threatening condition is detected, said message indicating one of the occurrence and detection of said condition and the patient's location.

Claim 50 (Previously Presented). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

- a first electrode adapted to be attached to said patient;

a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition; and

a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

a data logging memory for logging information descriptive of said life threatening condition and the therapy delivered to revert said life threatening condition.

Claim 51 (Previously Presented). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

a first electrode adapted to be attached to said patient;

a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition;

a pulse generator adapted to generate therapeutic pulses selected to a pulse generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

a display, wherein said controller is adapted to provide on said display at least one of an instruction for the operation of the defibrillator and information indicative of a condition of the patient.

Claim 52 (Presented Amended). A publicly accessible external defibrillator for automatically generating a generic cardiac therapy for a person suffering from a life threatening cardiac condition, said external defibrillator comprising:

a first electrode adapted to be attached to said patient;

a detector circuit coupled to said first electrode and adapted to detect a life threatening cardiac condition based on a physiological signal sensed through said electrode, said detector circuit detecting said cardiac condition using non-patient specific criteria;

a microprocessor-based controller coupled to said detector circuit and adapted to generate a command in the presence of said life threatening condition; [and]

a pulse generator adapted to generate therapeutic pulses selected to a pulse



generator adapted to generate therapeutic pulses selected to terminate said life threatening cardiac condition in response to said command, said pulse generator operating in at least one of an automated mode in which therapy is applied automatically to the patient and an advisory mode in which an indication is generated to indicate that therapy is available and can be applied; and

a display, wherein said controller is adapted to provide on said display at least one of an instruction for the operation of the defibrillator and information indicative of a condition of the patient;

wherein said controller defines a manual mode of operation, where the operator has the full control in delivering therapy.

## REMARKS

Reconsideration of the subject application as amended herein is respectfully requested. The Examiner has indicated that claims 39 and 41-45 will be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, claim 39 has been cancelled and its limitations have been incorporated into claim 34. Claim 52 has been amended to incorporate the limitations of claim 44.

In response to the double patenting rejection of claim 48, a Terminal Disclaimer accompanying by a check in the amount of \$ 65.00 to cover the Terminal Disclaimer Fee under 37 CFR 1.20(d) is enclosed herewith.

It is respectfully submitted that the subject application is now in condition for allowance. A notice to that effect is respectfully requested.

Enclosed herewith is a Petition for Extension of Time under 37 C.F.R 1.136(a) accompanied by a small entity fee of \$ 60.00 in compliance with 37 C.F.R 1.17(a)(1). If any additional fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 07-1730, Docket No. 3896-002. A duplicate copy of this sheet is attached for that purpose.

Respectfully submitted  
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